

DOE FIMS/RE Workshop



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Office of Management and Budget

June 2010

Overview

- What's New in the Obama Administration
- Guiding Principles for High Performance Sustainable Buildings
- OMB Scorecard Update
- June 10 Real Estate Memo

Obama Administration Actions

- Recovery Act Guidance (3/09)
- Recovery Act Reporting (5/09)
- FRPP Sustainability Mandatory (7/09)
- Executive Order 13514 (10/5/09)
- HPPG in President's Budget (2/10)
- GHG Targets & SSPPs (6/10)
- POTUS Memo on Real Estate (6/10)

Recovery Act (ARRA)

- Signed (Feb/09)
- OMB Guidance (Feb/May 09)
- Agencies Submit Detailed stimulus plans with performance metrics (5/09)
- Federal Infrastructure Investments (15 agencies received >\$24B)
 - demonstrate leadership
 - comply w/ federal green requirements
 - monitor & report progress
 - ensure compliance

FRP Sustainable Data Element

- **Sustainability** is optional for FY 2008 reporting and will be mandatory for FY 2009 reporting, subject to specific guidance issued by the Executive Order 13423 Steering Committee. Reporting is required for building assets and optional for structures and land assets.
- Sustainability reflects whether or not an asset meets the sustainability goals set forth in Section 2 (f) of Executive Order 13423. (valid codes are in parentheses):
- **Yes (1)** – asset has been assessed and meets guidelines set forth in Section 2 (f) of EO 13423.
- **No (2)** – asset has been assessed and does not meet guidelines set forth in Section 2 (f) of EO 13423.
- **Not yet evaluated (3)** – asset has not yet been evaluated on whether or not it meets guidelines set forth in Section 2 (f) of EO 13423.
- **Not Applicable (4)** – guidelines set forth in Section 2 (f) of EO 13423 do not apply to the asset.

Guiding Principles for MOU on Sustainable Green Buildings

- Employ Integrated Design Principles
- Optimize Energy Performance
- Protect and Conserve Water
 - ↓20% indoor ↓50% outdoor
- Enhance Indoor Environmental Quality
- Reduce Impact of Materials
- Apply to new, existing and leased space

Executive Order 13514

Additional Requirements:

- Absolute GHG Emission Reduction
- Improve water efficiency & management
 - potable, industrial, landscaping & stormwater
- 50% Waste Diversion including construction & demolition
- 100% High Performance Green Buildings
 - zero-net energy by 2030
- 95% Sustainable Acquisition
- Annual Strategic Sustainability Performance Plans

EO Implementation Underway

- Review of Recommendations & Studies (May – June Workshops)
- Approval of Sustainability Plans and GHG Scope 3 Targets (June/July)
- OMB Scorecards & SSO Meeting (Aug)
- Green Gov Events (October)
- Development of GHG Inventories (January)

January 2010 Management Scorecards - Summary

	Energy		Transportation		Environment	
	Status	Progress	Status	Progress	Status	Progress
Agriculture	●	●	●	●	●	●
Commerce	●	●	● ↑	● ↑	●	●
Defense	●	●	●	● ↑	●	● ↑
Education					● ↑ ↑	●
Energy	● ↓	●	● ↑ ↑	●	● ↓ ↓	●
EPA	●	●	●	●	●	●
HHS	● ↓	●	●	●	● ↓	●
DHS	● ↓	●	●	● ↓	● ↓	●
HUD	● ↓ ↓	●	●	●	● ↑	●
Interior	●	●	● ↓	●	●	●
Justice	●	●	●	●	●	● ↓
Labor	● ↑	●	● ↓	●	● ↓	●
State	●	● ↑	●	●	●	●
Transportation	● ↑	● ↑	●	● ↑	●	● ↑
Treasury	●	●	●	●	●	●
Veteran's Affairs	●	●	● ↓	●	●	●
Court Services			● ↑	● ↑		
GSA	●	●	●	●	●	● ↑
NARA	●	●			●	● ↑
NASA	● ↑	●	● ↑	● ↑	● ↑	●
OPM					● ↑	● ↑
SSA	●	●	● ↑	●	● ↑	● ↑
Smithsonian	●	●	● ↓	●	●	●
TVA	●	●			● ↓	●
USPS	●	● ↓	●	●	●	●

Federal Results - FY 2009




- 10 agencies on track to meet 15% sustainable building goal by 2015
- 17 agencies reduced energy intensity by at least 12% since 2003 & reduced petroleum use by 8% since 2005
- 18 purchased renewables equivalent to at least 3% of electricity/half new sources
- 15 agencies reduced water consumption intensity 4% since 2007

2010 OMB Scorecards/HPPGs

- Develop 2010 GHG Inventory (Scopes 1,2,3) & on track to achieve 2020 targets
- Reduce Energy Use 15%/30% by 2015
- Reduce Water consumption 6%/26% by 2020
- Use Renewables 5%/half new ↑7.5% by 2013
- Reduce Fleet Petroleum use 10%/20% by 2015
- Achieve 15% sustainable goal for buildings (>5KGSF) by 2015

Department of X

DRAFT - January 2010

		
<p>Agency:</p> <ul style="list-style-type: none"> Has developed a base year and 2010 GHG inventory for Scopes 1&2 and can demonstrate that agency is on track to achieve its goal by 2020. Has developed a base year and 2010 GHG inventory for Scope 3 and can demonstrate that it is on track to achieve its goal by 2020. Reduced energy intensity (Btu/GSF*) in EISA goal-subject facilities by at least 15 percent compared with 2003 and is on track for 30 percent reduction by 2015. Uses at least 5 percent electricity from renewable sources as a percentage of facility electricity use & at least 2.5 percent of facility electricity use comes from new sources (post-1999). <i>(Thermal and mechanical renewable can be included in the 2.5% new requirement, but not the 5% goal; i.e., an agency meets all new sources requirement with thermal or mechanical energy (2.5 percent) but would still need an additional 5 percent from renewable electricity sources.)</i> Has reduced water intensity by at least 6 percent from final 2007 baseline and is on track for 20% by 2015. Achieved a 10% reduction in petroleum used in its entire vehicle fleet compared to 2005 and/or is on track for 20% by 2015. Demonstrates implementation of <i>Guiding Principles for Federal Leadership in High Performance and Sustainable Buildings</i> (GP) for new, existing and leased buildings; and is on track to meet 15% goal by 2015 by reporting that at least 5% of buildings >5,000 GSF meet GP as reported in the Federal Real Property Profile (FRPP). 	<p>Agency:</p> <ul style="list-style-type: none"> Has developed a base year and 2010 GHG inventory for Scopes 1&2 and achieved reductions of at least half of its planned target for FY 2010 Has developed a base year and 2010 GHG inventory for Scope 3 and has achieved reductions of at least half of its planned reduction target for FY 2010. Has reduced energy intensity (Btu/GSF) in EISA goal-subject facilities by at least 12 percent compared with 2003. Uses at least 5 percent renewable energy from electric, thermal or mechanical sources to power facilities and equipment; but less than half was obtained from new sources (post-1999) or part of the requirement was met with thermal and mechanical renewable energy. Has reduced water intensity by at least 4 percent from final 2007 baseline. Achieved at least 8% reduction in petroleum used in the entire vehicle fleet compared to 2005. Incorporates Guiding Principles into all new design contracts for construction, major renovations and leases and at least 5% of GSF of its building inventory over 5,000 GSF meets GP as reported in FRPP. <p>*GSF= Gross Square Footage</p>	<p>Agency:</p> <ul style="list-style-type: none"> Has not developed a base year and 2010 GHG inventory for Scope 1&2 or achieved reductions of less than half of its planned target for FY 2010. Has not developed a base year and 2010 GHG inventory for Scope 3 or achieved reductions of less than half of its planned target for FY 2010. Has not reduced energy intensity (Btu/GSF) in EISA goal-subject facilities by at least 12 percent compared with 2003. Does not use at least 5 percent renewable energy from electric, thermal or mechanical sources to power facilities and equipment. Has not reduced water intensity by at least 4 percent from final 2007 baseline. Has not achieved at least 8% reduction in petroleum used in the entire vehicle fleet since 2005. Cannot demonstrate compliance with GP on new construction, major renovations, or leases; and/or less than 5% of building inventory either by number of buildings or GSF over 5,000 GSF meets GP as reported in FRPP.

President's Memorandum

June 10, 2010

- Lead by Example
- Dispose Unneeded Federal Real Estate
- Increase Sales Proceeds
- Cut Operating Costs
- Improve Energy Efficiency
- Consolidate (facilities & data centers)
- Comply with Executive Order Goals

Questions? Comments?

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